

Work Order ID 147049

Monday, May 30, 2016 12:35:39 PM

147049

Page 1

Item ID: D407-559-115 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: 206L Series/407 Bearpaws - Run-on Landing Wearplate Compatible
 Start Date: 6/6/2016 Start Qty: 3.00 ***3*** Cust Item ID:
 Required Date: 6/14/2016 Req'd Qty: 3.00 ***3*** Customer:
 Reference:

Approvals: Process Plan: MLS Date: JUN 09 2016 Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI 9624	REV A								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy blue file and type labels per PPP D407-559-115								
151	Pick Kit	0.00							
151									
Packaging	Memo	0.00							
Packaging									
160	QC4- 100% Inspect kits for completeness	0.00							
160									
QC	Memo	0.00							
Quality Control									

JUN 07 2016

DAS
6
9-89

DAS
28
9-89

JUN 08 2016

JUN 07 2016

mh-1

3

See attachment

3

JUN 07 2016

DAS
27
9-89

3

DAS
28
9-89

JUN 08 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS							
	Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐
	Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
	Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
	Suspected Unapproved	☐	Large Fab	☐	Composite	☐	Supplier	☐		

Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
--------	---------	-----------------	-----------------------

Description Work Order Deviation	Disposition	Completed By
		Lead hand / Supervisor Approval Verification
		QC / QA Coordinator Approval

Root Cause			FAULT CATEGORY								
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐								
Misidentified	☐	Past Due	☐	OTHER :							

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Page 2

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 Required Date: 6/14/2016 Req'd Qty: 3.00 ***3*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
170	Identify as per dwg & Stock Location: <i>P6015</i>	0.00				<i>3</i>	<i>DAS 28 9-89</i>	<i>DAS 27 9-89</i>	<i>JUN 08 2016</i>
170	Memo	0.00							
Packaging									
Packaging									
180	QC21- Final Inspection - Work Order Release	0.00							<i>JUN 09 2016</i>
180	Memo	0.00				<i>MCS</i>			
QC									
Quality Control									

MCS **JUN 08 2016**

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

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Page 1

Work Order ID: 147049

147049

Parent Item: D407-559-115

D407-559-115

Parent Item Name: 206L Series/407 Bearpaws - Run-on Landing Wearplate Compatible

Start Date: 6/6/2016

Required Date: 6/14/2016

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP REV:A NEW ISSUE 12-07-23 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2274 *D2274* Radius Block		Manufactured	No				Each	364.0000	1	36		DAS 6 9-89	DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				FG				12					
				86855				12					
				ST006				352					
				144391				352					
D2529 *D2529* Washer		Manufactured	No				Each	523.0000	1	36		DAS 6 9-89	DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				ST008				523					
				143819				273					
				145269				250					
D2432-3 *D2432-3* 206 (24") Bearpaw		Manufactured	No				Each	1.0000	1	6		DAS 6 9-89	DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				ST454a				1					
				139891				1					
D4011-1 *D4011-1* Clamp, Short		Manufactured	No				Each	147.0000	1	18		DAS 6 9-89	DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				ST544				147					
				141469				6					
				145016				141					

JUN 07 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

Page 2

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Work Order ID: 147049

147049

Parent Item: D407-559-115

D407-559-115

Parent Item Name: 206L Series/407 Bearpaws - Run-on Landing Wearplate Compatible

Start Date: 6/6/2016

Required Date: 6/14/2016

Start Qty: 3.00

Required Qty: 3.00

D4012-1 Manufactured No

Each 55.0000 6 18

D4012-1

Cushion

DAS
28
9-89

Location

Loc Qty

Loc Code

FG	5	
133458	5	
ST545	50	
143847	6	
144666	44	

**

DAS
6
9-89
DAS
27
9-89

AN4-20A Purchased No

Each 113.0000 12 36

AN4-20A

Bolt

DAS
28
9-89

Location

Loc Qty

Loc Code

GA	24	
m116419	24	
ST343	89	
m134039	51	
m134634	38	

**

134943

DAS
6
9-89
DAS
27
9-89

NAS1149D0463J Purchased No

Each 3,693.000 12 36

NAS1149D0463.J

WASHER

DAS
28
9-89

Location

Loc Qty

Loc Code

GA	146	
M132035	21	
M134508	125	
ST260a	1000	
M134852	1000	
ST263	2547	
M134754	2547	

**

36

DAS
6
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DAS
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9-89
JUN 07 2016

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Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____						
Misidentified ☐	☐	Past Due ☐							

Picklist Print

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Monday, May 30, 2016 12:35:44 PM

Work Order ID: 147049

147049

Parent Item: D407-559-115

D407-559-115

Parent Item Name: 206L Series/407 Bearpaws - Run-on Landing Wearplate Compatible

Start Date: 6/6/2016

Required Date: 6/14/2016

Start Qty: 3.00

Required Qty: 3.00

MS21042L4

Purchased

No

Each

2,582.000

10

36

MS21042L 4

Locknut

DAS 6 27
9-89 9-89

JUN 07 2016

Location

Loc Qty

Loc Code

GA

187

m133769

187

OVER007

2000

m134762

1000

~~m134861~~

1000

ST303

298

m134606

3

m134676

295

ST305

97

m130922

97

Monday, May 30, 2016 12:35:44 PM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process								
Misidentified ☐	☐ Past Due	OTHER : ☐							

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D206-559 Rev. L AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D206-559 REV. 3

REF CANADIAN STC: SH92-17

REF FAA STC: SH1031NE

REF LBA STC: 0796/3034

REF JCAB STC: STC-90-TYO

REF BRAZIL STC: 2010S10-08

1.0 PURPOSE

The purpose of this Dart Service Instruction is to add the D407-559-115 Bearpaw Kit to this approval. The D407-559-115 Bearpaw Kit is designed to be compatible with D206-642-311/-312/-313/-314/-411/-412/-413/-414 Skidtubes equipped with D206-642-XXX Run-On Landing Wearplates. The D407-559-115 Bearpaw Kit is also compatible with the D206-642-XXX Skidtubes equipped with standard wearplates/wearshoes.

2.0 INSTALLATION

To install D407-559-115 Bearpaw Kit on Dart D206-642-XXX Skidtubes equipped with D206-642-XXX Run-On Landing Wearplates refer to Figures 1 & 2 of this Service Instruction as well as the following:

- 2.1 Jack up the aircraft and ensure the skidtubes are serviceable in accordance with ICA-D206-642.
- 2.2 Position D2432-3 Bearpaw on the aft end of each skidtube so that the bearpaw clamps are located on either side of the aft saddle as shown in Figure 1a - 1c of this Service Instruction. The bearpaws should be installed over the run-on landing wearplates.
- 2.3 Attach the D4011-1 Clamps with D4012-1 Cushions using hardware shown in Figure 2 of this Service Instruction. Additional AN960JD416 (or NAS1149D0463J) washers may be installed under the nuts to ensure 1.5-4 threads in safety on the bolts. Although not generally necessary, it is also acceptable to replace the AN4-20A bolts with longer or shorter AN4 bolts, if required.

CAUTION: The torque on the nuts should be limited to 20 in-lb (2.3 Nm)

- 2.4 Lower the aircraft.
- 2.5 Update the aircraft log book to indicate installation of the D407-559-115 Bearpaw Kit and adjust the empty weight and balance record for the rotorcraft with the information given in section 5.0 of this service instruction.

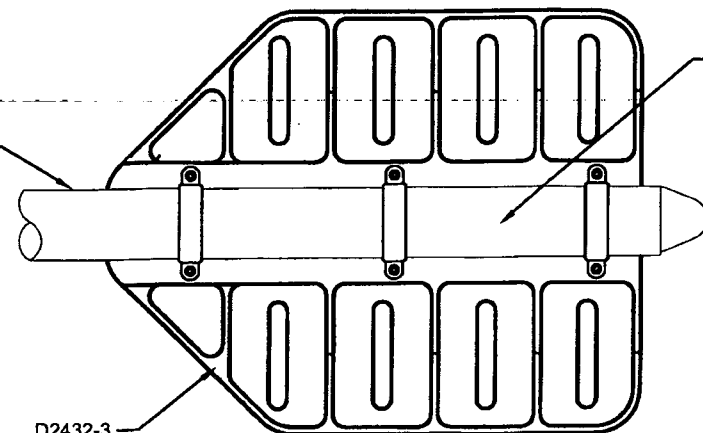
3.0 MAINTENANCE

The D407-559-115 Bearpaw Kit should be maintained in accordance with ICA-D206-559.

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED 	
BY:	D. SHEPHERD (DE # 02)
DATE:	12.07.05
CERT. NO.:	SH92-17
ISSUE NO.:	7

A	NEW ISSUE	AP	12.07.05
REV.	DESCRIPTION	BY	DATE
DESIGN	AP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AP		
CHECKED	9	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9624	SHEET 1 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BEARPAW INSTALLATION	NTS
DATE	12.07.05	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

D206-642-XXX
SKIDTUBE (REF)



D2432-3
BEARPAW

SADDLE NOT SHOWN IN
THIS VIEW FOR CLARITY

**Figure 1a - Bearpaw Location
(Top View)**

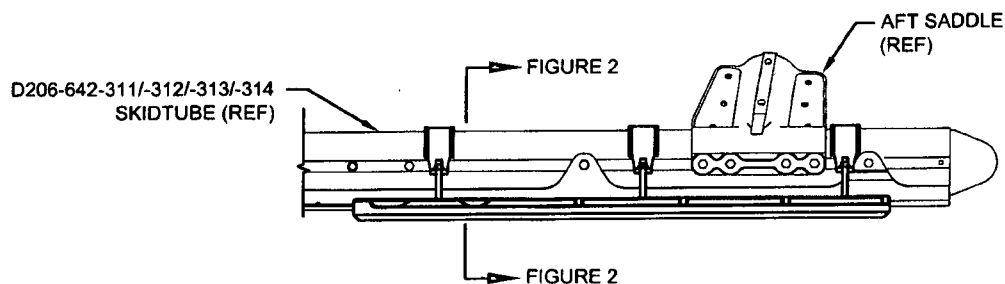


Figure 1b - Bearpaw Installation (Side View)
(Installed on D206-642-311/-312/-313/-314 Skidtubes)

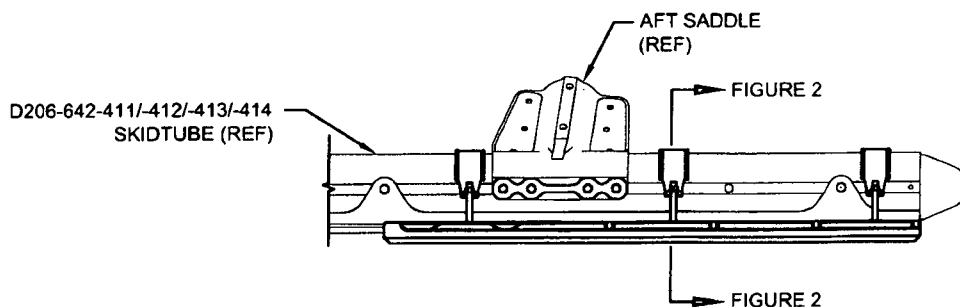


Figure 1c - Bearpaw Installation (Side View)
(Installed on D206-642-411/-412/-413/-414 Skidtubes)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 12.07.05
CERT. NO.: SH92-17
ISSUE NO.: 7

DESIGN	AP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AP		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9624	SHEET 2 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	BEARPAW INSTALLATION	NTS
DATE	12.07.05	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

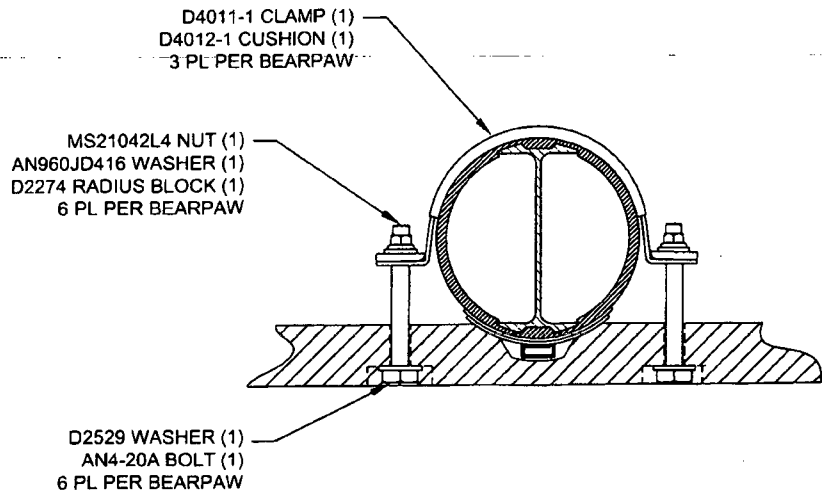


Figure 2 - D4011-1 Clamp Installation

4.0 PARTS LIST

QTY -115	PART NUMBER	DESCRIPTION
	D407-559-115	BEARPAW INSTALLATION
12	D2274	RADIUS BLOCK
12	D2529	WASHER
2	D2432-3	BEARPAW
6	D4011-1	CLAMP
6	D4012-1	CUSHION
12	AN4-20A	BOLT
12	AN960JD416	WASHER (NAS1149D0463J)
12	MS21042L4	NUT

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY:
D. SHEPHERD (DE # 02)

DATE: 12.07.05
CERT. NO.: SH92-17
ISSUE NO.: 7

DESIGN	AP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AP		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9624	SHEET 3 OF 4
APPROVED		TITLE	SCALE
DE APPR.		BEARPAW INSTALLATION	NTS
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5.0 WEIGHT AND BALANCE

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D407-559-115 Bearpaw installation (Bell 407 High Gear)	13.9 lb 6.30 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	148 in 3.76 m	2057 in-lb 23.69 m-kg
D407-559-115 Bearpaw installation (Bell 206L/407 Low Gear)	13.9 lb 6.30 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	149 in 3.78 m	2071 in-lb 23.81 m-kg
D407-559-115 Bearpaw installation (Bell 206 L High Gear)	13.9 lb 6.30 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	157 in 3.99 m	2182 in-lb 25.14 m-kg

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY:

D. SHEPHERD (DE # 02)

DATE: 12.07.05

CERT. NO.: SH92-17

ISSUE NO.: 7

DESIGN	AP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	AP	
CHECKED	AP	DRAWING NO. REV. A
MFG. APPR.	N/A	DSI 9624 SHEET 4 OF 4
APPROVED	AP	TITLE SCALE
DE APPR.	AP	BEARPAW INSTALLATION NTS
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REFERENCE ONLY

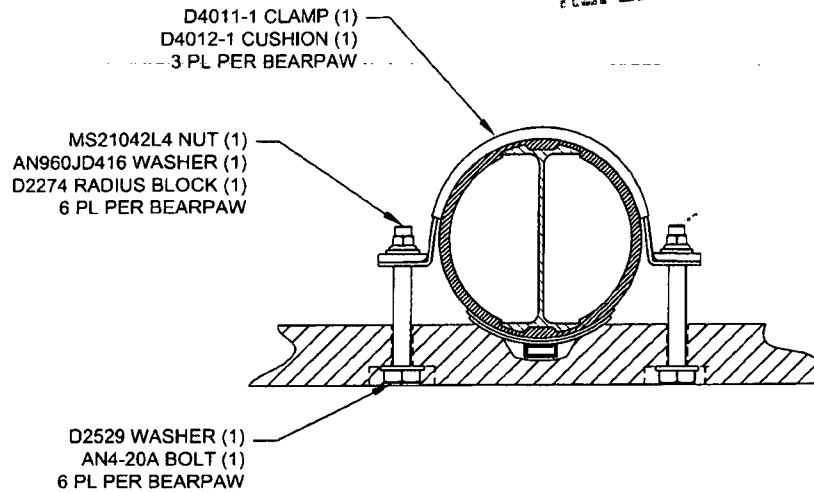


Figure 2 - D4011-1 Clamp Installation

4.0 PARTS LIST

QTY -115	PART NUMBER	DESCRIPTION
	D407-559-115	BEARPAW INSTALLATION
12	D2274	RADIUS BLOCK
12	D2529	WASHER
2	D2432-3	BEARPAW
6	D4011-1	CLAMP
6	D4012-1	CUSHION
12	AN4-20A	BOLT
12	AN960JD416	WASHER (NAS1149D0463J)
12	MS21042L4	NUT

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Change Record

PAGE 1 OF 1

Part Number: — D407-559-115

Description: BEARPAW INSTALLATION

[illegible]